



PATENT

Case Docket No. ABIOS.041A

Date: January 7, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Oldham et al.  
Appl. No. : 10/660,110  
Filed : September 11, 2003  
For : SYSTEM AND METHOD OF  
EXTENDING DYNAMIC  
RANGE OF DETECTOR  
Examiner : Unknown  
Group Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

January 8, 2004

(Date)

James W. Chang, Reg. No. 52,718

TRANSMITTAL LETTER

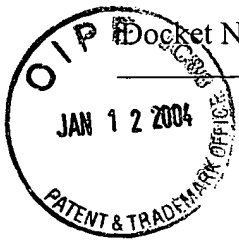
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with one (1) reference.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

James W. Chang  
Registration No. 52,718  
Agent of Record  
Customer No. 20,995  
(909) 781-9231



## INFORMATION DISCLOSURE STATEMENT

Applicant : Oldham et al.  
App. No. : 10/660,110  
Filed : September 11, 2003  
For : SYSTEM AND METHOD OF  
EXTENDING DYNAMIC RANGE OF A  
DETECTOR  
Examiner : Unknown  
Group Art Unit : Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing one (1) reference that is also enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

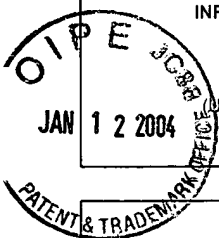
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 1-8-04

By: James W. Chang

James W. Chang  
Registration No. 52,718  
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Customer No. 20,995  
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. ABIOS.041A	APPLICATION NO. 10/660,110
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Oldham et al.	
		FILING DATE September 11, 2003	GROUP Unknown



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	Photomultiplier Tubes, Photomultiplier Tubes and Related Products, Hamamatsu brochure, pp. 1-15, July 2002 revised

R:\DOCS\JWC\JWC-2083.DOC:lw  
010704

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	